Normandy Drop Zone Expansion

Fort Bragg, NC

XVIII AIRBORNE CORPS

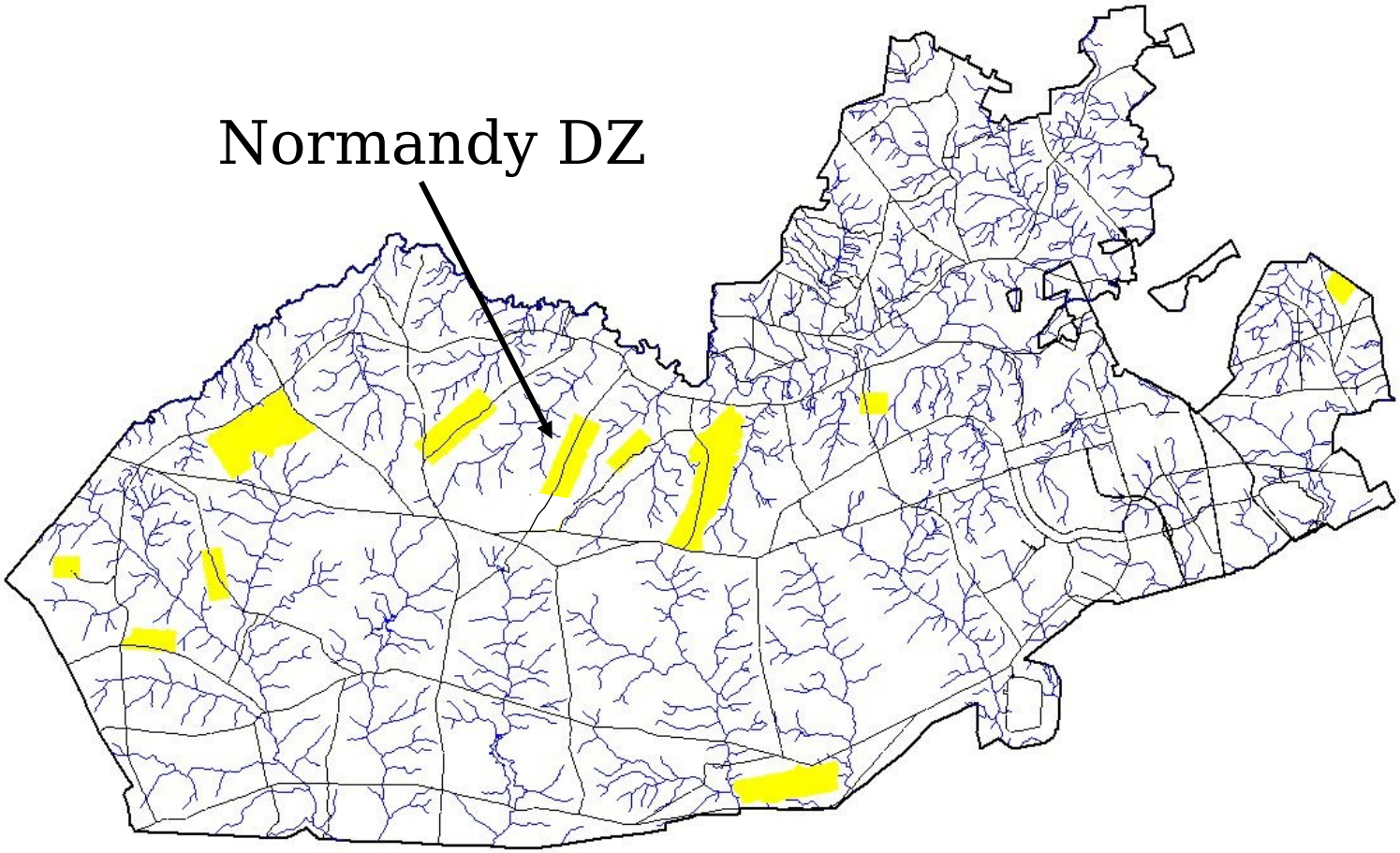
Purpose

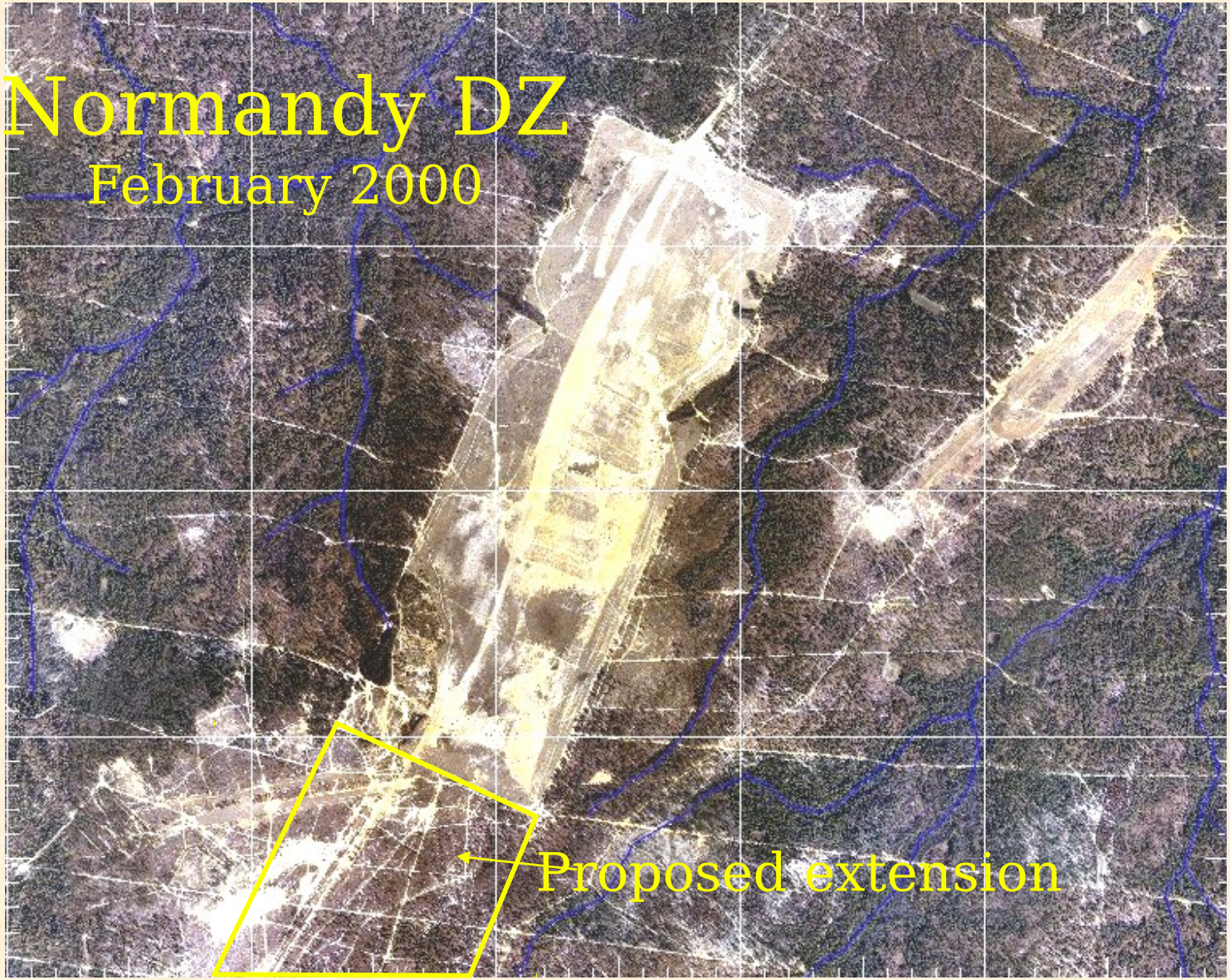
- Demonstrate the benefits of collaborative efforts (SRM)
- Provide an overview of the Normandy DZ expansion
- Contrast costs of contract vs in-house

Background

- Drop Zones - high priority on Fort Bragg
- C-17 Aircraft = increase in paratroop capacity
- Requires larger DZs
- Spring 2000 - decision to lengthen Normandy DZ
  - 1125m
  - 250 acres

Fort Bragg Drop Zones





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Extension after timber harvest

Logging debris and hardwoods

Options for Clearing

- Contractor
  - Clearing and grubbing $ 2,000/ acre
  - Did not include soil erosion plan nor erosion control measures nor re-vegetation
- In-house
  - Range Control
  - 618th Engr Co (82d Abn Div)
  - LRAM

Range Control and 618th Engineer Co.

- Provided manpower and equipment
- Remove standing hardwoods
- Remove stumps, roots and brushy vegetation

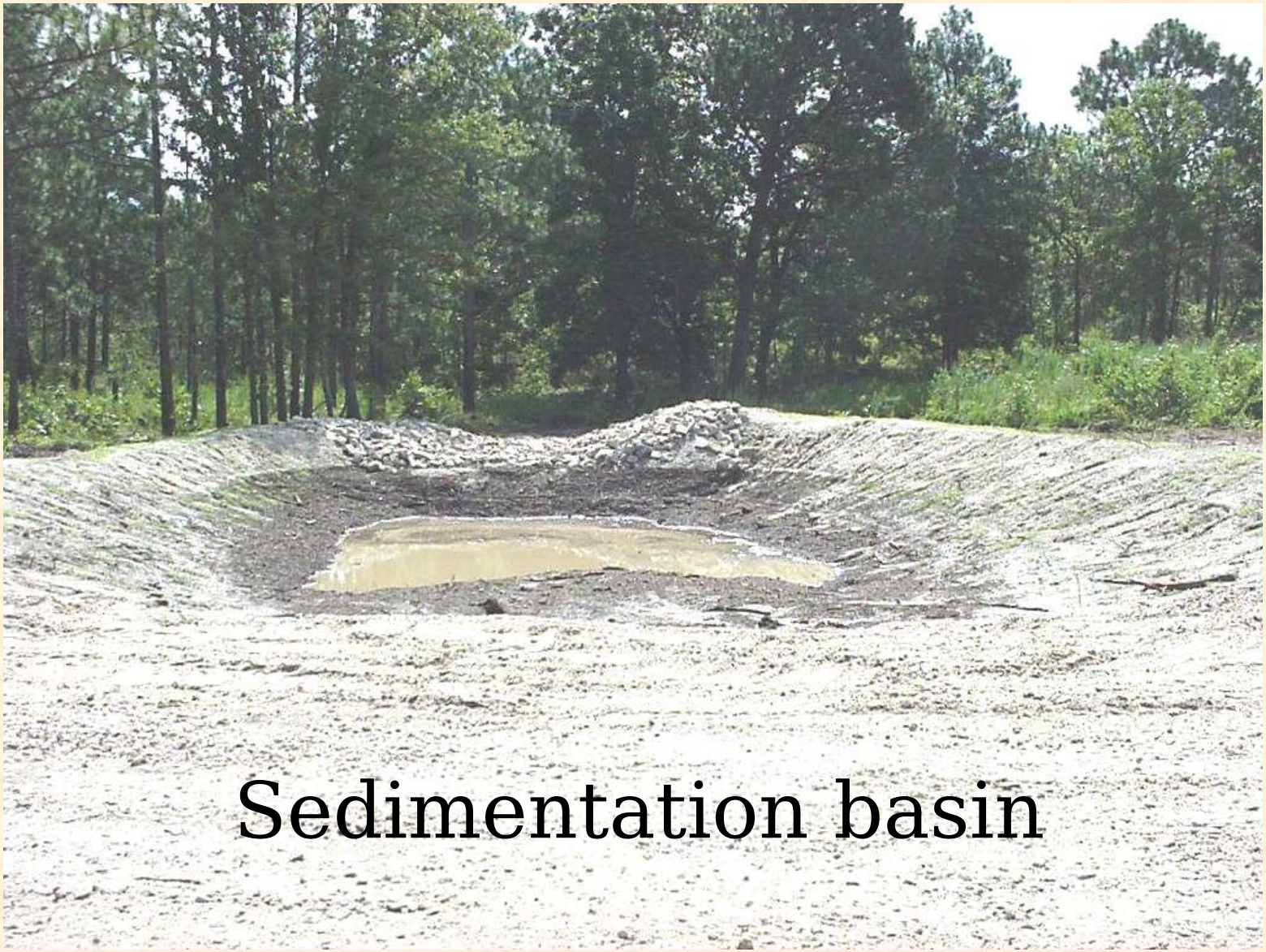
Clearing and grubbing

LRAM

- Erosion and Sedimentation Control Plan
  - Approval by NC DEHNR

- Erosion control measures
  - Terraces
  - Sedimentation Basins
  - Water Bars

Straw-mulching terrace



Sedimentation basin

Track-hoe

LRAM

- Erosion and Sedimentation Control Plan
  - Approval by NC DEHNR

- Erosion control measures
  - Terraces
  - Sedimentation Basins
  - Water Bars

- Re-vegetate
  - Fertilizer and lime
  - Mixture of grass seeds (Bahia, Bermuda, Lespedeza, German Millet and Rye)

Disking prior to seeding

May 2000

July 2001

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Cost Comparison

	Contract	vs
In-House		
Clearing & Grubbing	$ 500,000	
Over-time		10,400
Fuel/Maintenance		31,000
Lease of Equip.		20,400
Reseed	250,000	
Seed/lime/fertilizer		72,600
Erosion Control		
Plan	25,000	3,600
Structures	30,000	
TOTAL	$ 805,000	$ 138,000

Conclusion

Cooperative approach to the improvement of training lands:

- Yields great results at a fraction of the cost of a contract.
- Fosters teamwork between LRAM, Range Control, Army Units
- Breaks down barriers and stovepipes

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